

Title (en)

Data input device with cursor position notification

Title (de)

Dateneingabevorrichtung mit Rückmeldung über die Cursorposition

Title (fr)

Dispositif d'entrée de données à contre-reaction de la position de curseur

Publication

EP 1501041 A2 20050126 (EN)

Application

EP 04017250 A 20040721

Priority

JP 2003279482 A 20030724

Abstract (en)

A cellular phone (1) controls the display position of a pointing device cursor (11) to be displayed on a display (51A) in response to user's operation on a pointing device (41). At this time, when the cellular phone (1) determines that the display position of the cursor locates within a range of predetermined distance from the display position of the object based on a relative positional relationship between the display position of the cursor (11) and the display position of the object (202) selectable by a user, the cellular phone (1) notifies the user of the positional relationship by means of vibration generation, sound output or light emission.

IPC 1-7

G06K 11/00; G06F 3/033; G06F 3/023; G06F 3/00; H04M 1/247; H04Q 7/00; G05G 9/00

IPC 8 full level

G06F 3/00 (2006.01); **G06F 3/01** (2006.01); **G06F 3/023** (2006.01); **G06F 3/033** (2006.01); **G06F 3/038** (2006.01); **G06F 3/048** (2013.01); **G06F 3/0481** (2013.01); **G06F 3/0487** (2013.01); **G06F 3/0489** (2013.01); **G06F 3/16** (2006.01); **H04M 1/00** (2006.01); **H04M 1/247** (2006.01); **H04M 1/72469** (2021.01); **H04Q 7/22** (2006.01); **H04W 4/02** (2018.01); **H04M 1/72445** (2021.01); **H04M 1/725** (2006.01)

CPC (source: EP US)

G06F 3/016 (2013.01 - EP US); **G06F 3/038** (2013.01 - EP US); **G06F 3/0489** (2013.01 - EP US); **H04M 1/72469** (2021.01 - EP US); **H04W 4/02** (2013.01 - EP); **H04M 1/72445** (2021.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

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EP 1501041 A2 20050126; **EP 1501041 A3 20060607**; **EP 1501041 B1 20091104**; CN 1578351 A 20050209; CN 1578351 B 20110119; DE 602004023901 D1 20091217; JP 2005044241 A 20050217; US 2005022137 A1 20050127

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